

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Richard E. HARRIS et al.

Application No.: New U.S. Application

Filed: July 7, 2003

Docket No.: 116438

For: PROCESSES AND PRODUCTS FOR FOAMING THERMOPLASTIC MATERIALS
USING A PELLET OR POWDER AS A VEHICLE TO DELIVER A PHYSICAL
FOAMING AGENT, AND PRODUCTS FORMED THEREWITH

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the English language references 3, 5-6 and 8-10 are discussed in the present specification.

Respectfully submitted,



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DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116438		APPLICATION NO. New U.S. Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Richard E. HARRIS et al.			
				FILING DATE July 7, 2003		GROUP	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1.	3,615,972	10/26/1971	MOREHOUSE, JR. et al.		
	2.	4,108,808	8/22/1978	NARAYAN et al.		
	3.	5,788,889	8/4/1998	DEMELLO et al.		
	4.	5,654,346	8/5/1997	HALBERSTADT et al.		
	5.	5,607,629	3/4/1997	DEMELLO et al.		
	6.	5,567,370	10/22/1996	DESEKE et al.		
	7.	5,393,796	2/28/1995	HALBERSTADT et al.		
	8.	5,070,111	12/3/1991	DUMBAULD		
	9.	US 6,242,502 B1	6/5/2001	BRZOSKOWSKI et al.		
	10.	6,110,404	8/29/2000	LIGON, SR. et al.		
	11.	3,945,976	3/23/1976	MCCURDY et al.		
	12.	4,130,535	12/19/1978	CORAN et al.		
	13.	4,311,628	1/29/1982	ABDOU-SABET et al.		
	14.	4,898,760	2/6/1990	HALBERSTADT et al.		

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	15.	Duane Peterson; "WATER AND CHEMICAL FOAMING OF SANTOPRENE RUBBER"; Advanced Elastomer Systems; August 16, 2001;
	16.	"CHEMICAL FOAMING PROCESS FOR SANTOPRENE THERMOPLASTIC RUBBER"; Advanced Elastomer Systems pp 2-8
	17.	"WATER FOAMING OF SANTOPRENE THERMOPLASTIC RUBBER"; Advanced Elastomer Systems; pp 2-6

EXAMINER	DATE CONSIDERED
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: July 7, 2003